

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Munehiro OGASAWARA

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: CHARGED-PARTICLE BEAM WRITER

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
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DOCKET NO.: 243057US2SRD/rm

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IN RE APPLICATION OF: Munehiro OGASAWARA

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**STATEMENT OF RELEVANCY**

**Reference AO (JP 7-61185) on PTO Form 1449:**

This reference shows the idea to give dose modulation on aperture for proximity effect correction. However it does not show the method to determine the modulation distribution in the system which uses both character projection with scanning projection and VSB method.

**Reference AP (JP 2001-34115) on PTO Form 1449:**

This reference shows the system which uses both scanning projection and VSB method. However it does not show the method to determine the dose modulation distribution for scanning projection to correct the proximity effect.

**Reference AQ (JP 2001-217173) on PTO Form 1449:**

This reference is discussed in the specification.

**Reference AR (JP 9-289164) on PTO Form 1449:**

This reference is discussed in the specification.

**Reference AW on PTO Form 1449:**

This reference shows the concept of combination of scanning projection and VSB. However it does not describe the method of proximity effect correction.

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
243057US2SRD  
APPLICANT  
Munehiro OGASAWARA  
FILING DATE  
HerewithSERIAL NO.  
New Application

## LIST OF REFERENCES CITED BY APPLICANT

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA							
AB							
AC							
AD							
AF							
AF							
AG							
AH							
AI							
AJ							
AK							
AL							
AM							
AN							

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
AO	7-61185	03/20/95	JAPAN			X
AF	2001-34115	02/09/2001	JAPAN			X
AO	2001-217173	08/10/2001	JAPAN			X
AR	9-289164	11/04/97	JAPAN			X
AS						
AT						
AU						
AV						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AW	N. SHIMOMURA, et al., "OPTICAL COLUMN OF THEMASK-SCAN EB MASK WRITER TEST STAND", Vol. 4066, pgs. 605-612, SPIE, 2000
AX	
AY	
AZ	<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.